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In the Claims:

Claims 1 to 23 (canceled)

207-862-4681

- further comprising, A method of making a molded component
 having a molded-in surface texture, using a molding
 apparatus including a front mold having a front mold
 surface with a front mold surface texture, and a back mold
 having a back mold surface texture, and a back mold
 method comprising the following steps:
 - a) providing a cover sheet including a skin film comprising a skin film material, and a foam backing comprising a foam backing material;
 - b) heating said cover sheet so as to heat said skin film
 to a first temperature equal to or above a melting
 temperature of said skin film material, and so as to
 heat said foam backing to a second temperature below
 a melting temperature of said foam backing material;
 - arranging said cover sheet between said front mold and said back mold with said skin film facing toward said front mold and said foam backing facing toward said back mold, and then moving at least one of said front mold and said back mold relatively toward each other with said cover sheet therebetween;
 - d) molding said cover sheet and bringing said skin film into direct contact with said front mold surface so as to mold into said skin film a molded-in surface

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25	texture	that	is t	he	inverse	of	said	front	mold	surfac	<u>e</u>
26	texture;	<u>.</u>									

- e) after said step d), cooling said cover sheet and moving apart at least one of said front mold and said back mold relative to each other; and
- f) after said step e), introducing a substrate material between said foam backing and said back mold surface, and them moving at least one of said front mold and said back mold relatively toward each other, so that said back mold surface presses against said substrate material and molds and bonds said substrate material onto said foam backing so as to form a molded substrate from said substrate material.
- 25. (original) The method according to claim 24, wherein said substrate material is a pre-heated sheet of at least one composite material selected from the group consisting of polypropylene and natural fibers, polypropylene and polypropylene and polypropylene and glass fibers.
- 26. (original) The method according to claim 24, wherein said substrate material is a polyurethane foam.
- 27. (original) The method according to claim 24, wherein said introducing of said substrate material comprises one of injecting, spraying, pouring and casting said substrate material in a viscous liquid state.

- (original) The method according to claim 24, wherein said 28. step d) comprises introducing a pressurized pressure medium 2 into a gap with a defined gap spacing size between said foam backing and said back mold surface, and wherein said material comprises said substrate ofintroducing introducing said substrate material into said gap with said defined gap spacing size between said foam backing and said back mold surface that had been occupied by said pressure medium in said step d).
- 29. (currently amended) The method according to claim [[‡]] 24,
 wherein said molded-in surface texture comprises one of an
 artificial leather grain, an artificial wood grain, a
 raised text, an indented text, a raised logo, an indented
 logo, a geometric repetitive pattern of protrusions, and a
 geometric repetitive pattern of indentations.
- 30. (original) A method of making a molded component using a molding apparatus including a front mold having a front mold surface with a front mold surface texture, and a back mold having a back mold surface opposed to said front mold, said method comprising the following steps:
 - a) providing a cover sheet including a skin film comprising a skin film material, and a foam backing comprising a foam backing material;
 - b) heating said cover sheet so as to heat said skin film to a first temperature equal to or above a melting temperature of said skin film material, and so as to

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12		heat said foam backing to a second temperature below
13		a melting temperature of said foam backing material;
14	c)	arranging said cover sheet between said front mold and
15		said back mold with said skin film facing toward said
16		front mold and said foam backing facing toward said
17		back mold, and then moving at least one of said front
18		mold and said back mold relatively toward each other
19	•	with said cover sheet therebetween, so as to
20		mechanically pre-mold said cover sheet toward said
21		front mold surface;
22 :	d)	forming a pressure-tight seal between said foam
23		backing and said back mold surface, and introducing
24		pressurized air at a pressure in a range from 1 bar to
25		30 bar into a gap between said foam backing and said
26		back mold surface so as to blow-mold said cover sheet
27		and press said skin film against said front mold
28		surface and thereby mold into said skin film a
29 !		molded-in surface texture that is an inverse of said
30 .		front mold surface texture;
31	e)	during said step d), venting air from between said
32		skin film and said front mold surface;
33	f)	applying a vacuum between said skin film and said
34		front mold surface;
35 _	g)	moving apart at least one of said front mold and said
36		back mold relative to each other; and
37	h)	introducing a substrate material between said foam
38		backing and said back mold surface, and then moving at

least one of said front mold and said back mold

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relatively toward each other, so that said back mold surface presses against said substrate material and molds and bonds said substrate material onto said foam backing so as to form a molded substrate from said substrate material.

Claims 31 to 35 (canceled)

- 36. (new) A method of making a molded component having a molded-in surface texture, using a molding apparatus including a front mold having a front mold surface with a front mold surface texture, and a back mold having a back mold surface opposed to said front mold, said method comprising the following steps:
 - a) providing a cover sheet including a skin film portion comprising a skin film material, and a backing portion comprising a backing material;
 - b) differentially heating said cover sheet so as to melt said skin film portion into a melted viscous liquid state while maintaining said backing portion in an elastic solid state;
 - c) arranging said cover sheet between said front mold and said back mold with said skin film portion facing toward said front mold and said backing portion facing toward said back mold, and then moving at least one of said front mold and said back mold relatively toward each other with said cover sheet therebetween so that

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- said back mold surface mechanically pre-molds said cover sheet toward said front mold surface;
 - d) forming a pressure-tight seal between said cover sheet and said back mold around a perimeter;
 - e) after said steps c) and d), introducing a pressurized gas into a gap between said back mold surface and said backing portion of said cover sheet to press said cover sheet toward said front mold surface and thereby further mold said cover sheet and bring said skin film portion into direct contact with said front mold surface while said skin film portion is at least initially at least partially still in said melted viscous liquid state so as to mold into said skin film portion a molded-in surface texture that is the inverse of said front mold surface texture; and
 - f) after said step e), cooling said cover sheet and moving apart at least one of said front mold and said back mold relative to each other.
 - 1 37. (new) The method according to claim 36, further comprising 2 removing air from between said skin film portion and said 3 front mold surface during said step e).
 - 1 38. (new) The method according to claim 37, wherein said
 2 removing of air comprises passive venting of air as said
 3 pressurized gas presses said cover sheet toward said front
 4 mold surface.

- after said passive venting of air, and aft r said molded-in surface texture has been molded into said skin film portion and said skin film portion has at least partly cooled and at least partly solidified, a further step of applying a vacuum between said front mold surface and said skin film portion of said cover sheet.
- 40. (new) The method according to claim 36, further comprising applying a vacuum between said front mold surface and said skin film portion after said step e).
- 41. (new) The method according to claim 40, wherein said vacuum has a degree of gage vacuum of 0.05 to 0.3 bar below atmospheric pressure.
- 42. (new) The method according to claim 40, wherein said vacuum is applied only after said molded-in surface texture has been molded into said skin film portion and said skin film portion has at least partly cooled and at least partly solidified.
- 1 43. (new) The method according to claim 36, wherein said 2 pressurized gas is introduced into said gap and maintained 3 at a gage pressure in a range from 1 to 30 bar.
- 1 44. (new) The method according to claim 43, wherein said gage 2 pressure is in a range from 5 to 20 bar.

- 1 45. (new) The method according to claim 36, wherein said pressurized gas is compressed air.
- 1 46. (nsw) The method according to claim 36, wherein said step
 2 b) is carried out to heat said skin film portion to a first
 3 temperature in the range from 40°C to 70°C higher than a
 4 second temperature to which said backing portion is heated.
- 1 47. (new) The method according to claim 36, wherein said step
 2 b) is carried out to heat said skin film portion to a first
 3 temperature in the range from 190°C to 210°C and to heat
 4 said backing portion to a second temperature in the range
 5 from 130°C to 150°C.
- 48. (new) The method according to claim 36, wherein said cover sheet is oriented with said skin film portion facing upwardly and said backing portion facing downwardly throughout all of said steps.
- 49. (new) The method according to claim 36, wherein said step
 b) comprises contacting said backing portion with a
 tempered plate and directing heat radiation from an
 infrared heater at said skin film portion.

- 1 50. (new) The method according to claim 36, further comprising
 2 tempering said front mold and said back mold so as to
 3 maintain a temperature of said front mold surface and said
 4 back mold surface in the range from 50°C to 60°C.
- 1 51. (new) The method according to claim 36, wherein said skin 2 film material and said backing material both consist of the 3 same polymeric composition.
- 1 52. (new) The method according to claim 36, wherein said skin 2 film material and said backing material respectively 3 consist of different polymeric compositions.
- 1 53. (new) The method according to claim 36, wherein said 2 backing material is a polymeric foam backing material, and 3 said backing portion is a foam backing.
- 1 54. (new) The method according to claim 53, wherein said foam
 2 backing material is a substantially closed-cell foam that
 3 is not air permeable through a thickness thereof, and said
 4 skin film material is a thermoplastic polyolefin.
- 55. (new) The method according to claim 54, wherein said foam backing material comprises a different polymer material than said thermoplastic polyolefin.

- 56. (new) The method according to claim 54, wherein said foam
 backing material also comprises said thermoplastic
 polyolefin.
- 57. (new) The method according to claim 36, wherein said
 backing material comprises a polypropylene foam and said
 skin film material comprises a polypropylene film.
- 1 58. (new) The method according to claim 36, further comprising,
 2 after said step f), introducing a substrate material
 3 between said cover sheet and said back mold surface, and
 4 moving at least one of said front mold and said back mold
 5 relatively toward each other, so that said back mold
 6 surface presses against said substrate material and molds
 7 and bonds said substrate material onto said backing portion
 8 of said cover sheet so as to form a molded substrate from
 9 said substrate material.
- 1 59. (new) The method according to claim 58, wherein said 2 introducing of said substrate material comprises 3 introducing said substrate material into said gap between 4 said backing portion of said cover sheet and said back mold 5 surface that had been occupied by said pressurized gas in 6 said step e).
- 1 **60.** (new) The method according to claim 36, wherein said 2 molded-in surface texture comprises one of an artificial 3 leather grain, an artificial wood grain, a raised text, an

- indented text, a raised logo, an indented logo, a geometric repetitive pattern of protrusions, and a geometric repetitive pattern of indentations.
- 61. (new) The method according to claim 36, wherein said gap measures no more than 5 mm between said back mold surface and said backing portion of said cover sheet.

[RESPONSE CONTINUES ON NEXT PAGE]